

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE CITATION</b>	ATTY. DOCKET NO. <b>44805-0001 DI2</b>	SERIAL NO. not yet assigned
	APPLICANT: <b>Jeffrey D. Brady, et al</b>	
	FILING DATE Herewith	GROUP

## U.S. PATENT DOCUMENTS

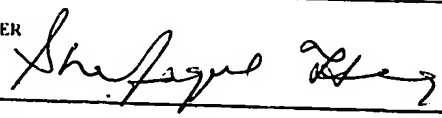
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
SH	AA	5,532,169	7/2/96	Eyre	436	518	
	AB	5,641,837	6/24/97	Eyre	435	7.1	
	AC	5,652,112	7/29/97	Eyre	435	7.1	
	AD	5,834,221	11/10/98	Eyre	435	7.92	
	AE	5,576,189	11/19/96	Eyre	435	7.93	
	AF	5,656,439	8/12/97	Eyre	435	7.1	
	AG	5,945,274	8/31/99	Eyre	435	4	
	AH	4,973,666	11/27/90	Eyre	530	323	
	AI	5,939,274	8/17/99	Eyre	435	7.1	
	AJ	5,736,344	4/7/98	Kung	435	7.9	
	AK	5,972,623	10/26/99	Krane	435	7.1	
	AL	6,010,863	1/4/00	Te Koppele	435	7.1	
	AM	6,025,144	2/15/00	Eyre	435	7.1	
	AN	6,027,903	2/22/00	Eyre	435	7.1	
	AO	5,962,236	10/5/99	Eyre	435	7.1	
	AP	5,641,687	6/24/97	Eyre	436	518	
	AQ	5,455,179	10/3/95	Eyre	436	536	
	AR	5,919,634	7/6/99	Eyre	435	7.1	
	AS	5,702,909	12/30/97	Eyre	435	7.9	
	AT	5,300,434	4/5/94	Eyre	435	240.2	
	AU	5,473,052	12/5/95	Eyre	530	387.9	
	AV	5,700,694	12/23/97	Robins	436	64	
	AW	4,628,027	12/9/86	Gay	435	7	
	AX	5,912,131	6/15/99	Eyre	435	7.1	
	AY	5,472,884	12/5/95	Eyre	436	518	
	AZ	5,320,970	6/14/94	Eyre	436	536	
	BA	5,962,639	10/5/99	Eyre	530	329	
	BB	5,140,103	8/18/92	Eyre	530	327	
	BC	5,750,647	5/12/98	Eyre	530	328	
	BD	5,817,755	10/6/98	Eyre	530	328	
	BE	5,700,693	12/23/97	Robins	436	64	
	BF	5,677,198	10/14/97	Eyre	436	518	
	BG	5,607,862	3/4/97	Eyre	436	501	
	BH	5,688,652	11/18/97	Eyre	435	7.1	

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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
BI	WO86/06374	11/6/86	PCT	C07D	309/34	YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER 	DATE CONSIDERED 5/13/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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CA	Adamczyk, et al.: "Synthesis of Immunoreagents for Detection of Deoxypyrrroline, a Cross-link of Bone Collagen", <i>Bioorganic &amp; Medicinal Chemistry Letters</i> , Vol. 10, pp. 269-271 (2000)
CB	Atley, et al.: "Proteolysis of Human Bone Collagen by Cathepsin K: Characterization of the Cleavage Sites Generating the Cross-Linked N-Telopeptide Neopeptide", <i>Bone</i> , Vol. 26, No. 3, pp. 241-247, March 2000
CC	Brame, et al: Identification of Extremely Reactive $\gamma$ -Ketoaldehydes (Isolevuglandins) as Products of the Isoprostane Pathway and Characterization of Their Lysyl Protein Adducts", <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 19, pp. 13139-13146, May 7, 1999
CD	Hanson, et al: "Molecular Site Specificity of Pyridinolone and Pyrrole Cross-links in Type I Collagen of Human Bone", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 43, pp. 26508-26516, October 25, 1996
CE	Hughes, et al: "A Collagen-associated Ehrlich Chromogen: a Pyrrolic Cross-link?", <i>Bioscience Reports (UK)</i> , Vol. 1, pp. 611-618, (1981)
CF	Kemp, et al: "Ehrlich Chromogens, Probable Cross-links in Elastin and Collagen", <i>Biochemical Journal (UK)</i> , Vol. 252, pp. 387-393 (1988)
CG	Kuyper, et al: "Identification of the Loci of the Collagen-associated Ehrlich Chromogen in Type I Collagen Confirms its Role as a Trivalent Cross-link", <i>Biochemical Journal (UK)</i> , Vol. 283, pp. 129-136 (1992)
CH	Lombard, et al: "Comparison of Three Reagents for Detecting Indole Production by Anaerobic Bacteria in Microtest Systems", <i>Journal of Clinical Microbiology</i> , Vol. 18, No. 3, pp. 609-613, September 1983
CI	McBrayer, et al: "Diffusion of Metals in Silicon Dioxide", <i>Journal of Electrochemical Society</i> , Vol. 133, No. 6, pp. 1242-1246, June 1986
CJ	Raghavan, et al: "Diffusion of Copper Through Dielectric Films Under Bias Temperature Stress", <i>Thin Solid Films</i> , Vol 262, pp. 168-176 (1995)
CK	Rajkumar, et al: "Generation of Pyrroles in the Reaction of Levuglandin E <sub>2</sub> with Proteins", <i>Journal of Organic Chemistry</i> , Vol. 59, pp. 6038-6043, (1994)
CL	Ramanakoppa H. Nagaraj, et al: "Protein Modification by the Degradation Products of Ascorbate: Formation of a Novel Pyrrole from the Maillard Reaction of L-threose with Proteins", <i>Biochimica et Biophysica Acta</i> , Vol. 1253, pp. 75-84 (1995)
CM	Salomon, et al: "Protein Adducts of Iso[4]levuglandin E <sub>2</sub> , a Product of the Isoprostane Pathway, in Oxidized Low Density Lipoprotein", <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 29, pp. 20271-20280, July 16, 1999
CN	Scott, et al: "An 'Affinity' Method for Preparing Polypeptides Enriched in the Collagen-Associated Ehrlich Chromogen", <i>Journal of Biochemistry</i> , Vol. 93, pp. 921-925 (1983)
CO	Chemical Abstracts 130:53792 abstracting German patent application 19723779 (1997)
CP	Chemical Abstracts 127:122001 abstracting PCT Publication No. WO 9721685 (1997)
CQ	Chemical Abstracts 126:343579 abstracting PCT Publication No. WO 9714685 (1997)
CR	Chemical Abstracts 128:47979 abstracting Japanese Publication No. 09301939 (1997)
CS	Chemical Abstracts 125:86316 abstracting PCT Publication No. WO 9608483 (1996)
CT	Chemical Abstracts 125:181171 abstracting European Patent No. 718710 (1996)
CU	Chemical Abstracts 125:181170 abstracting European Patent No. 718709 (1996)
CV	Chemical Abstracts 125:154318 abstracting European Patent No. 718708 (1996)
CW	Chemical Abstracts 124:261609 abstracting European Publication No. 689845 (1996)
CX	Chemical Abstracts 121:10000 abstracting German Publication No. 4232505 (1994)
CY	Chemical Abstracts 120:271175 abstracting PCT Publication No. 9315047 (1993)
CZ	Chemical Abstracts 83:44737 abstracting German Publication No. 2435888 (1975)
DA	G.K. Reddy and C.S. Enwemeka: "Method for Assaying Pyrrole-Containing biological Compounds", <i>Clinical biochemistry</i> 29(3): 225-229 (1996)
DB	M. Stefek, A. Gajdosik, a. Gajdosikova, L. Krizanova, "Dimethylaminobenzaldehyde-reactive substances in tail tendon collagen of streptozotocin-diabetic rats: temporal relation to biomechanical properties and advanced glycation endproduct (AGE)-related fluorescence", <i>Biochimica et Biophysica Acta</i> 1502:398-404 (2000)

EXAMINER <i>Shafiqul Haq</i>	DATE CONSIDERED <i>5/13/05</i>
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